

--ABSTRACT OF THE DISCLOSURE

An image processor may include an image memory for storing multi-valued image data therein, a pixel data acquisition device for acquiring the image data stored in the image memory on a pixel-by-pixel basis, and a dither matrix storage device for storing a dither matrix of an irregular disposition of dots. The dither matrix of dots is plotted by: (1) setting in a cell a plurality of candidate dots to be next plotted adjacent to dots already disposed in the cell and (2) measuring the distance of each of the plurality of candidate dots from a nearest one of the already disposed dots, in order to detect one candidate dot of longest distance among the measured distances. The detected one dot of the longest distance is plotted as a next dot, and such candidate dots likewise detected are plotted sequentially.--